

Title (en)

METHOD AND DEVICE FOR EXTRACTING CONSTITUENTS BY MEANS OF A SUPERCRITICAL FLUID OR A PRESSURE LIQUID

Publication

**EP 0238527 B1 19900314 (FR)**

Application

**EP 86905310 A 19860902**

Priority

FR 8513246 A 19850906

Abstract (en)

[origin: WO8701299A1] Method for extracting constituents present in a substance by means of an extraction fluid consisting of a supercritical fluid or a pressure liquid. According to said method, the substance is compacted in an extractor (3) with the extraction fluid to dissolve the constituents in said fluid, whereafter the fluid coming out of the extractor is treated to separate the extracted constituents. To this effect, the fluid is expanded to a pressure p1 at (5), the less volatile constituents are first separated in a liquid-gas separator (41), the gas separated at (13) and the liquified gas is rectified in the column (19) to concentrate the extracted constituents in the liquid phase. The extraction fluid may be carbonic acid gas.

IPC 1-7

**B01D 11/02; B01D 11/04**

IPC 8 full level

**B01D 11/02** (2006.01); **B01D 11/04** (2006.01)

CPC (source: EP US)

**B01D 11/0203** (2013.01 - EP US); **B01D 11/0407** (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**WO 8701299 A1 19870312**; DE 3669440 D1 19900419; EP 0238527 A1 19870930; EP 0238527 B1 19900314; FR 2586938 A1 19870313; FR 2586938 B1 19891020; US 4824570 A 19890425

DOCDB simple family (application)

**FR 8600295 W 19860902**; DE 3669440 T 19860902; EP 86905310 A 19860902; FR 8513246 A 19850906; US 4691587 A 19870402